

METHOD OF CONTROLLING AN AUTOMOTIVE VEHICLE HAVING A TRAILER USING REAR AXLE SLIP ANGLE

Abstract

A system and method of controlling a vehicle with a trailer comprises determining the presence of a trailer, determining a vehicle velocity, determining a steering wheel angle, and determining a rear axle side slip angle. When the rear axle side slip angle is above a predetermined value, the vehicle velocity is above a velocity threshold, and the steering wheel is about zero, brake-steer is applied to the vehicle.